

FORM PTO 449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)				ATTY DOCKET NO 03500.016239		APPLICATION NO 10/084,172	
<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> RECEIVED MAY 07 2002 PATENT & TRADEMARK OFFICE </div>				APPLICANT TAKESHI IMAMURA ET AL.			
				FILING DATE FEBRUARY 28, 2002		GROUP 1651 UNASSIGNED	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>HJ</i>		4383167	7/83	Holmes, et al.	525	64	
<i>HJ</i>		4442189	4/84	Lu, et al.	430	45	
<i>HJ</i>		4480021	10/84	Lu, et al.	430	106.6	
		4795690	1/89	Shindo, et al.	430	109	
		4876331	10/89	Doi	528	361	
		4925765	5/90	Madeleine	430	110	
		5004664	4/91	Fuller, et al.	430	106.6	
		5135859	8/92	Witholt et al.	435	135	
		5200332	4/93	Yamane, et al.	435	135	
		5292860	3/94	Shiotani, et al.	528	361	
		5612161	3/97	Watanabe, et al.	430	110	
<i>HJ</i>		5667927	9/97	Kubota, et al.	430	109	
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
<i>HJ</i>	JP	60-108861	6/85	Japan			Abstract
<i>HJ</i>	JP	61-3149	1/86	Japan			Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
<i>HJ</i>		Park, et al., "Epoxidation of Bacterial Polyesters with Unsaturated Side Chains. I. Production and Epoxidation of Polyesters from 10-Undecenoic Acid; Macromolecules, <u>31</u> , 5 1480-1486.					
<i>HJ</i>		Park, et al., "Epoxidation of Bacterial Polyesters with Unsaturated Side Chains. II. Rate of Epoxidation and Polymer Properties; J. Polym. Sci; Part A; Polym. Chem. <u>36</u> , 2381-2387 (1998).					
<i>HJ</i>		Aróstegui, et al., "Bacterial Polyesters Produced by <u>Pseudomonas oleovorans</u> Containing Nitrophenyl Groups"; Macromolecules, <u>32</u> , 9, 2889-2895 (1999).					
EXAMINER <i>Hester J. Gillung</i>				DATE CONSIDERED <i>APRIL 6, 2005</i>			

*EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)			ATTY DOCKET NO 03500.016239		APPLICATION NO 10/084,172		
APPLICANT TAKESHI IMAMURA ET AL.			FILING DATE FEBRUARY 28, 2002		GROUP 165 UNASSIGNED		
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
411	JP	63-38958	2/88	Japan			Abstract & USP 4795690
	JP	63-88564	4/88	Japan			Abstract
	JP	2642937	8/97	Japan			Abstract
	JP	5-7492	1/93	Japan			Abstract & USP 5200332
	JP	5-93049	4/93	Japan			Abstract & USP 5292860
	JP	6-15604	3/94	Japan			Abstract & USP 4393167
	JP	6-289644	10/94	Japan			Abstract
	JP	7-72658	3/95	Japan			Abstract
	JP	7-120975	5/95	Japan			Abstract & USP 5667927
	JP	7-14352	2/95	Japan			Abstract & USP 4876331
	JP	7-265065	10/95	Japan			Abstract
	JP	8-19227	2/96	Japan			Abstract & USP 4876331
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
411		Takagi, et al., "Biosynthesis of Polyhydroxyalkanoate with a Thiophenoxy Side Group Obtained from <i>Pseudomonas putida</i> ; Macromolecules, 32, 25, 8315-8318 (1999).					
411		Fritzche, et al., "An Unusual Bacterial Polyester with a Phenyl Pendant Group"; Makromol. Chem. 191, 1957-1965 (1990).					
EXAMINER				DATE CONSIDERED			
[Signature]				APRIL 6, 2005			

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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS
					TRANSLATION YES/NO/ OR ABSTRACT
<i>JP</i>	JP 8-179564	7/96	Japan		Abstract & USP 5612161
<i>JP</i>	JP 8-262796	10/96	Japan		Abstract
<i>JP</i>	JP 2623684	6/97	Japan		Abstract
<i>JP</i>	JP 9-191893	7/97	Japan		Abstract
<i>JP</i>	JP 9-274355	10/97	Japan		Abstract
<i>JP</i>	JP 9-281746	10/97	Japan		Abstract
<i>JP</i>	JP 2807795	10/98	Japan		Abstract
<i>JP</i>	JP 2989175	12/99	Japan		Abstract
<i>JP</i>	JP 2001-178484	7/01	Japan		Abstract
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)					
<i>JP</i>	Kim, et al., "Preparation and Characterization of Poly(β)-hydroxyalkanoates) Obtained from <u>Pseudomonas oleovorans</u> Grown with Mixtures of 5-Phenylvaleric Acid and n-Alkanoic Acids"; Macromolecules, 24, 5256-5260 (1991).				
<i>JP</i>	Lytle, et al., "Filtration Sizes of Human Immunodeficiency Virus Type 1 and Surrogate Viruses Used To Barrier Materials"; Appl. & Environ. Microbiol., 58, 2, 747-749 (1992).				
<i>JP</i>	Ritter, et al., "Bacterial Production of Polyesters Bearing Phenoxy Groups in the Side Chains, 1 Poly(3)-hydroxy-5-pnenoxypentanoate-co-3-hydroxy-9-phenoxy-nonanoate) from <u>Pseudomonas oleovorans</u> "; Macrol. Chem. Phys., 195, 1665-1672 (1994).				
<i>JP</i>	Gross, et al., "Cyanophenoxy-Containing Microbial Polyesters: Structural Analysis, Thermal Properties, Second Harmonic Generation and In-Vivo Biodegradability"; Polymer Int'l., 39, 205-213 (1996).				
<i>JP</i>	Curley, et al., "Production of Poly(3-hydroxyalkanoates) Containing Aromatic Substituents by <u>Pseudomonas oleovorans</u> ; Macromolecules, 29, 1762-1766 (1996).				
EXAMINER <i>Robert J. Silling</i>			DATE CONSIDERED <i>APRIL 6, 2005</i>		

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